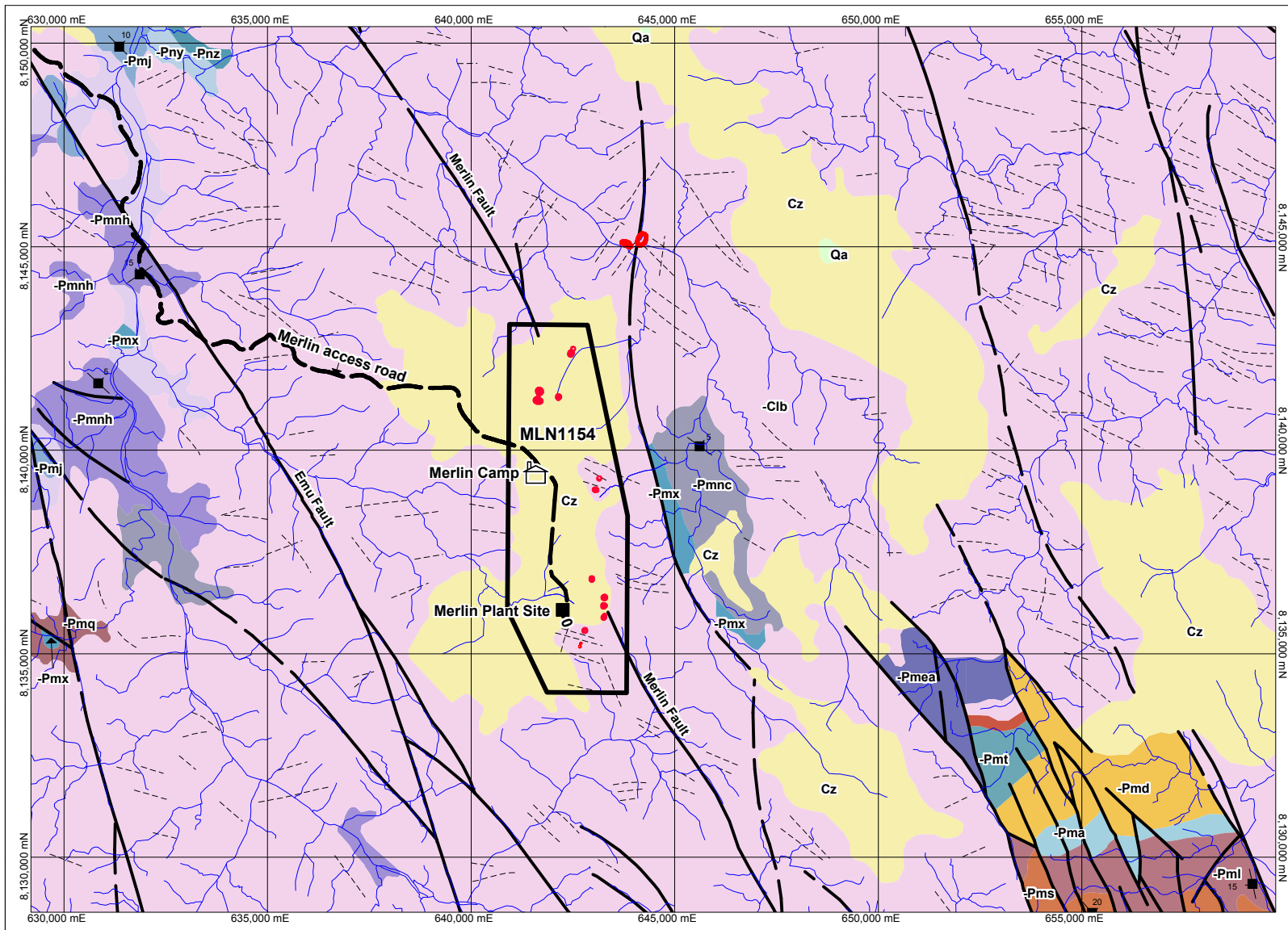
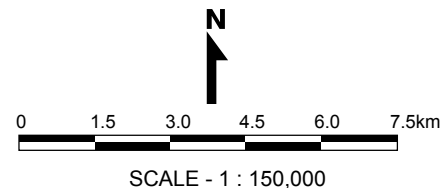




LEGEND

-  Merlin mining lease MLN1154
-  Kimberlite pipes
-  Merlin access road
-  Drainage
-  Joint pattern trend from airphoto interpretation
-  Fault - accurate
-  Fault - approximate
-  Strike and dip of strata



UNIVERSAL TRAVERSE MERCATOR PROJECTION
Map Grid Australia Zone 53 (GDA94)

GEOLOGY LEGEND

BAUHHINIA DOWNS

1 : 250,000 Geological Mapsheet

- Nathan Group**
- Qa Quaternary alluvium
 - Cz Cainozoic soil
 - Clb BUKALARA SANDSTONE
 - Pnz BALBIRINI DOLOMITE
 - Pny SMYTHE SANDSTONE
- Batten Subgroup**
- Pmj YALCO FORMATION
 - Pmnd LYNOTT FORMATION: Donnegan Member
 - Pmnh LYNOTT FORMATION: Hot Spring Member
 - Pmnc LYNOTT FORMATION: Caranbirini Member
- McArthur Group**
- Pmx REWARD DOLOMITE
 - Pmq BARNEY CREEK FORMATION
 - Pmea EMMERUGGA DOLOMITE
- Umbuloolga Subgroup**
- Pmi LEILA SANDSTONE
 - Pmt TOOGAMINIE FORMATION
 - Pmd TATOOOLA SANDSTONE
 - Pma AMELIA DOLOMITE
 - Pml MALLAPUNYAH FORMATION
 - Pms MASTERTON SANDSTONE
- Tawallah Group**
- Ptg GOLD CREEK VOLCANICS
 - Pto WOLLOGORANG FORMATION

MERLIN DIAMONDS LIMITED

A.B.N. 86 009 153 119

COMPILED	TITLE MERLIN DIAMOND PROJECT - MLN1154 Regional Geology
GMI Rockett	
DRAWN	
GMI Rockett	
DATE	
Feb 2018	
SCALE	
1 : 150,000	
MAP 3: A4	